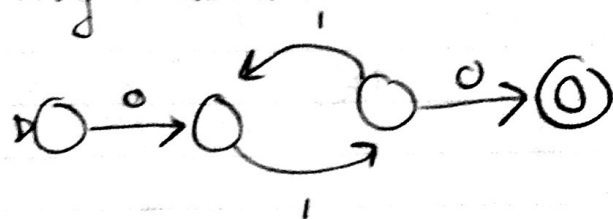


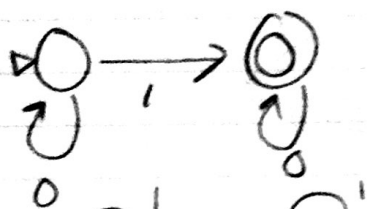
Annabel Consilio FACS Day 7 Homework

1. a.



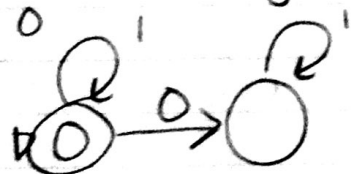
$01(11)^*0$

b.



0^*10^*

c.



1^*

2. a. $(ab)^*$

b. $(ab|aababbb)^*$

$(ab|a(ab)^*b)^*$

$(a(ab)^*b)^*$

c. $(a(a(ab)^*b)^*b)^*$

We are going to assume
 $a = ($ and $b =)$

3. a. $0^* 1 (0^* 10^* 10^*)^*$

odd \geq

b. $1^* (01^* 01^*)^*$

even ≥ 5

c. $((00)^* | (11)^*)^* | ((00)^* | (11)^*)^*$

jk no 010101...